



Western Michigan University
ScholarWorks at WMU

Cumulative Michigan COVID-19 Data

Michigan COVID-19 State Data

12-3-2021

2021-12-03_MichiganOverview_COVIDstats

Michigan Department of Health & Human Services

Follow this and additional works at: <https://scholarworks.wmich.edu/michigan-covid-data-state-cumulative>



Part of the Public Health Commons

WMU ScholarWorks Citation

Michigan Department of Health & Human Services, "2021-12-03_MichiganOverview_COVIDstats" (2021).
Cumulative Michigan COVID-19 Data. 475.

<https://scholarworks.wmich.edu/michigan-covid-data-state-cumulative/475>

This Website is brought to you for free and open access
by the Michigan COVID-19 State Data at ScholarWorks at
WMU. It has been accepted for inclusion in Cumulative
Michigan COVID-19 Data by an authorized administrator
of ScholarWorks at WMU. For more information, please
contact wmu-scholarworks@wmich.edu.



Coronavirus

MI SAFE START

CONTAIN COVID

RESOURCES

PRESS RELEASES

DONATE

VIDEO UPDATES

PUBLIC HEALTH ADVISORY

CORONAVIRUS / MICHIGAN DATA

Michigan Data

Hospitals

Long Term
Care Facilities

Coronavirus
Symptoms

Cumulative
Recovered

Outbreak
Reporting

School-Related
Outbreak
Reporting

Wastewater
Surveillance

Testing
Turnaround
Time

MIS-C Data
and Reporting

Data and
Modeling
Updates

COVID case and testing data will be posted three times a week on Mondays, Wednesdays and Fridays.

Note on cases (12/03/2021): Today's daily case count represents new referrals of confirmed cases to the MDSS since the last web update report. Over the two days (Thursday and Friday), the average number of new confirmed cases is ~9222 per day.

Note on deaths (12/03/2021): Regular reviews of death certificate data maintained in Vital Records reporting systems are conducted by MDHHS staff three times per week. As a part of this process, records that identify COVID-19 infection as a contributing factor to death are compared against all laboratory confirmed cases of COVID-19 in the Michigan Disease Surveillance System (MDSS). If a death certificate is matched to a confirmed COVID-19 case and that record in the MDSS does not indicate the individual died, the MDSS record is updated to indicate the death and the appropriate local health department is notified. These matched deaths are then included with mortality information posted to the Michigan Coronavirus website. As a result of the most recent assessment, today's data includes **169** deaths identified by this methodology.

The State of Michigan is working around the clock to test and treat COVID-19 patients. Below is the most recent data healthcare experts across the state have compiled. It is updated Monday, Wednesday & Friday. **Looking for COVID-19 Vaccine data? Click here.**

CURRENT STATUS

DAILY CASES

CUMULATIVE TRENDS

DEMOGRAPHICS

TOTAL TESTING

CONFIRMATORY TESTING

LEARN MORE

View Cases

View Deaths

View Table

Select Preparedness Region:

All

Select County:

All

This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Cases by County

Confirmed cases include individuals with a positive NAAT/RT-PCR test for COVID-19. Probable cases include individuals with either a positive rapid antigen detection test OR COVID-19 symptoms and an epidemiologic link to a confirmed COVID-19 case, but no diagnostic test.

Cases by County

53-373

374-4228

4229-18566

18567-173147

173148+

Michigan

Friday, December 03, 2021

Current Totals

Laboratory Testing

TestType	Tests Performed
Diagnostic	18,939,942
NA	19,684,255
Total	39,368,510

Microsoft Power BI

< 1 of 7 >

Cases by Hispanic/Latino Ethnicity

Hispanic/Latino Ethnicity	Percentage of Confirmed Cases by Ethnicity	Percentage of Confirmed Deceased Cases by Ethnicity
Hispanic/Latino	4.90%	3.22%
Non-Hispanic/Latino	69.29%	88.73%
Unknown	25.81%	8.05%

Totals may not add to 100% due to rounding

Cases by Arab Ethnicity

Arab Ethnicity	Percentage of Confirmed Cases by Ethnicity	Percentage of Deceased Confirmed Cases by Ethnicity
Arab	2.30%	1.57%
Non-Arab	45.02%	51.19%
Unknown	52.68%	47.24%

Totals may not add to 100% due to rounding

PUBLIC USE DATASETS 12/03/2021

(Downloadable .xlsx files)

Cases and Deaths by County

Cases and Deaths by County by Date of Onset of Symptoms and Date of Death

Cases by Demographics Statewide

COVID-19 Tests by County

Diagnostic Tests by Result and County



MICHIGAN.GOV HOME
ADA
MICHIGAN NEWS
POLICIES

COPYRIGHT 2021 STATE OF MICHIGAN

Cumulative Total of Recovered COVID-19 Cases

Cumulative Total of Recovered COVID-19 Cases (as of 11/23/2021): 1,090,933

During this response, MDHHS is reviewing vital records statistics to identify any laboratory confirmed COVID-19 cases who are 30 days out from their onset of illness to represent recovery status. As the pandemic continues to impact Michigan, this pool will expand to include more cases. Recovered is defined as the number of persons with a confirmed COVID-19 diagnosis who are alive 30 days post-onset (or referral date if onset is not available). The number of persons recovered on November 23, 2021 represents COVID-19 confirmed individuals with an onset date on or prior to October 24, 2021. If an individual expires from a COVID-related cause >30 days from onset/referral, they are removed from the number of persons recovered. These numbers will be updated every Monday.

Source: Michigan Disease Surveillance System and Vital Records

View Cases

View Deaths

View Table

Select Preparedness Region:

All

Select County:

All

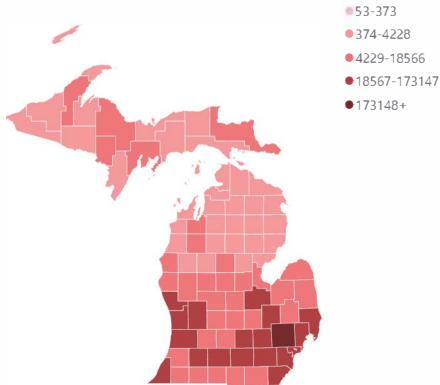
This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Cases by County

Confirmed cases include individuals with a positive NAAT/RT-PCR test for COVID-19. Probable cases include individuals with either a positive rapid antigen detection test OR COVID-19 symptoms and an epidemiologic link to a confirmed COVID-19 case, but no diagnostic test.

Cases by County



Michigan

Friday, December 03, 2021

Michigan (Statewide) Case Fatality Rate

1.8%

Current Totals

Case Status	Cases	Deaths
Confirmed	1,336,566	24,367
Probable	180,759	1,741
Total	1,517,325	26,108

Laboratory Testing

TestType	Tests Performed
Diagnostic	18,939,942
NA	19,684,255
Serology	744,313
Total	39,368,510

[View Cases](#)[View Deaths](#)[View Table](#)

Select Preparedness Region:

All

Select County:

All

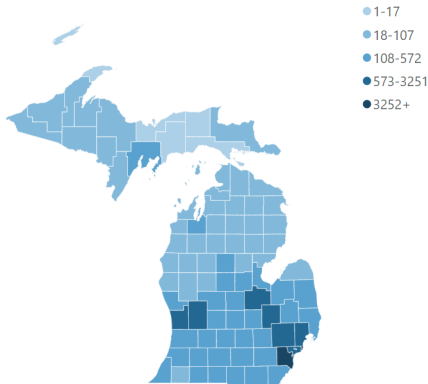
This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Deaths by County

Confirmed deaths include individuals who had a confirmed COVID-19 infection AND are either classified as deceased during the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Probable deaths include individuals who have COVID-19 indicated on their death certificate where there is no available evidence of a confirmatory test result (positive or negative).

Deaths by County



Michigan

Friday, December 03, 2021

Michigan (Statewide) Case Fatality Rate

1.8%

Current Totals

Case Status	Cases	Deaths
Confirmed	1,336,566	24,367
Probable	180,759	1,741
Total	1,517,325	26,108

Laboratory Testing

TestType	Tests Performed
Diagnostic	18,939,942
NA	19,684,255
Total	39,368,510

Cases

Deaths

View Table

Select Preparedness Region:

All

Select County:

All

Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore only probable cases referred for investigation on or after April 5, 2020 are displayed (onset may have been prior).

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

Daily Cases by Status

The number of daily confirmed cases represent the total number of people who had a positive NAAT/RT-PCR test for COVID-19. Cases are shown by the date of onset of symptoms.

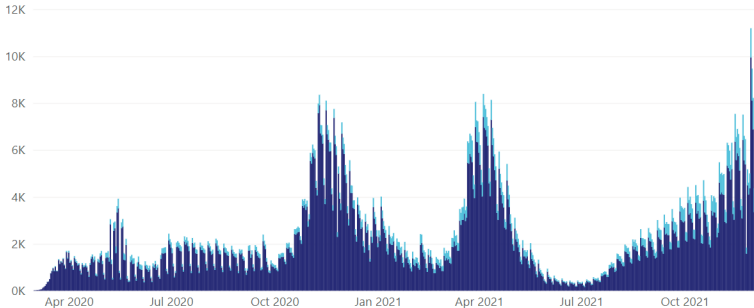
Filter by Date:

3/1/2020

12/3/2021

Cases by Date of Onset

CASE_STATUS ● Confirmed ● Probable





STATUS

DAILY CASES

CUMULATIVE TRENDS

DEMOGRAPHICS

TOTAL TESTING

CONFIRMATORY
TESTING

LEARN MORE

View Table

View Chart

Select Preparedness Region:

All

Select County:

All

Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore these data are not displayed by date.

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

Cumulative Confirmed Cases and Deaths among Confirmed Cases

Cumulative cases represent the total number of people who had a positive NAAT/RT-PCR test for COVID-19. Cases are shown by the date of onset of symptoms. Cumulative Deaths represent the total number of people who had a confirmed COVID-19 infection AND are either classified as deceased during the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of onset and their manner of death is listed as natural. Deaths are shown by date of death.

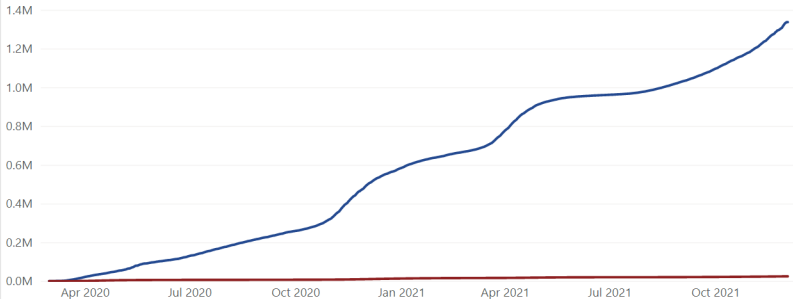
Filter By Date:

3/1/2020

12/3/2021

Cumulative Confirmed Cases and Deaths among Confirmed Cases by Date

● Cumulative Cases ● Cumulative Deaths



Cases by Demographic Characteristics

Data are suppressed when the number of cases is five or below to protect the confidentiality of individuals. The sum of the cases for individual categories may be fewer than the total number of cases due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☒ Confirmed
☐ Probable

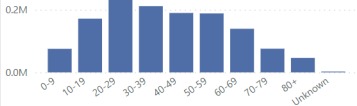
Select Preparedness Region:

All

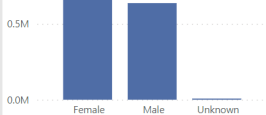
Select county:

All

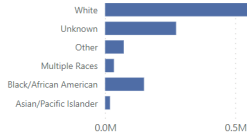
Cases by Age Group



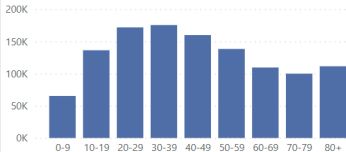
Cases by Sex



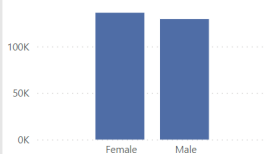
Cases by Race



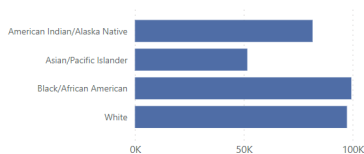
Cases per Million by Age Group



Cases per Million by Sex



Cases per Million by Race



Cases by Demographic Characteristics

Data are suppressed when the number of cases is five or below to protect the confidentiality of individuals. The sum of the cases for individual categories may be fewer than the total number of cases due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☐ Confirmed
☒ Probable

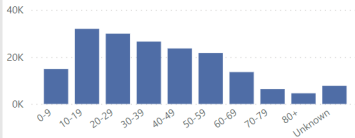
Select Preparedness Region:

All

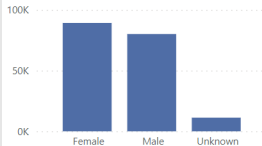
Select county:

All

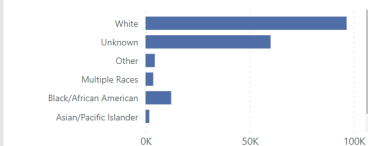
Cases by Age Group



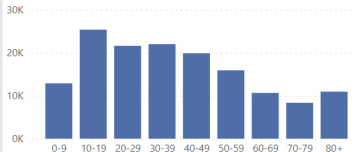
Cases by Sex



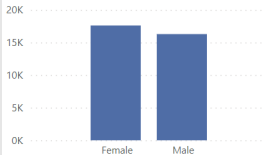
Cases by Race



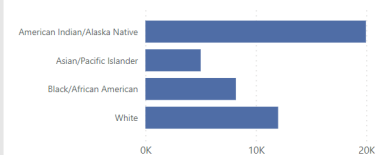
Cases per Million by Age Group



Cases per Million by Sex



Cases per Million by Race



Deaths by Demographic Characteristics

Data are suppressed when the number of deaths is five or below to protect the confidentiality of individuals. The sum of the deaths for individual categories may be fewer than the total number of deaths due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☒ Confirmed
☐ Probable

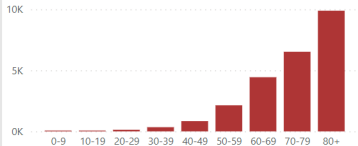
Select Preparedness Region:

All

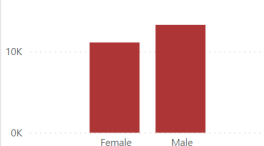
Select county:

All

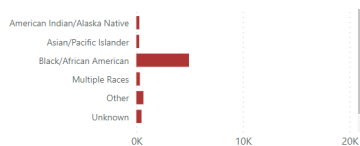
Deaths by Age Group



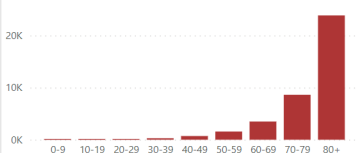
Deaths by Sex



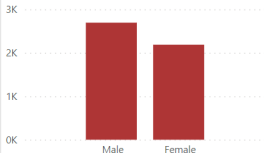
Deaths by Race



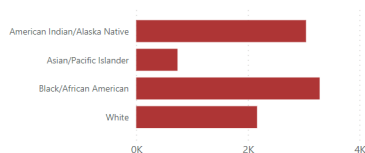
Deaths per Million by Age Group



Deaths per Million by Sex



Deaths per Million by Race



Deaths by Demographic Characteristics

Data are suppressed when the number of deaths is five or below to protect the confidentiality of individuals. The sum of the deaths for individual categories may be fewer than the total number of deaths due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☐ Confirmed
☒ Probable

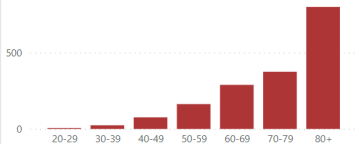
Select Preparedness Region:

All

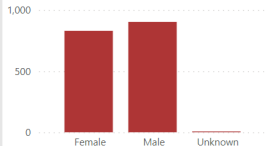
Select county:

All

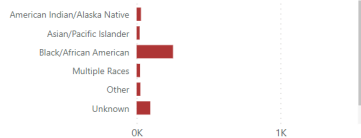
Deaths by Age Group



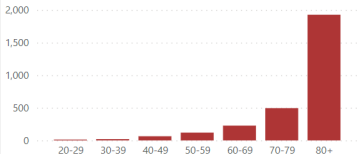
Deaths by Sex



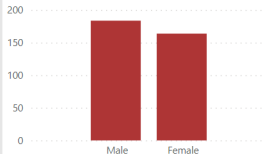
Deaths by Race



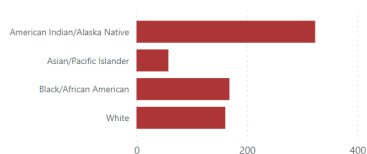
Deaths per Million by Age Group



Deaths per Million by Sex



Deaths per Million by Race



[View Table](#)[View Charts](#)

Select Preparedness Region:

All

Select County:

All

Confirmatory tests are used to find current infection and look for genes from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

Total Covid-19 Laboratory Tests

Total testing includes both confirmatory tests which are used to determine if an individual currently has COVID-19 and serology testing which is used to determine if a person has antibodies to COVID-19.

Filter by Date:

3/10/2020

12/2/2021

Total Laboratory Tests by Type and Date

Test Type ● Diagnostic ● NA ● Serology

100K

50K

0K

Apr 2020

Jul 2020

Oct 2020

Jan 2021

Apr 2021

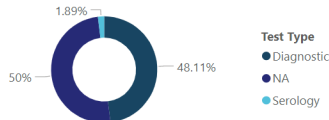
Jul 2021

Oct 2021

Total Tests Completed to Date

Test Type	Total Tests	Tests per Million Residents
Diagnostic	18,939,942	1,895,676
NA	19,684,255	
Serology	744,313	74,497
Total	39,368,510	3,940,346

Percent of Tests Completed by Type





STATUS

DAILY CASES

CUMULATIVE TRENDS

DEMOGRAPHICS

TOTAL TESTING

CONFIRMATORY
TESTING

LEARN MORE

View Table

View Charts

Select Preparedness Region

All



Select County

All



Confirmatory tests are used to find current infection and look for genes from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) tests. Confirmatory tests do not include serology tests which look for antibodies to SARS-Cov-2 in the blood.

Confirmatory Covid-19 Laboratory Tests

Confirmatory tests are used to determine if an individual is currently infected with COVID-19.

Filter by Date

3/10/2020

12/2/2021

Total Laboratory Tests by Type and Date

Test Type ● Negative ● Positive

100K

50K

0K

Apr 2020

Jul 2020

Oct 2020

Jan 2021

Apr 2021

Jul 2021

Oct 2021

Percent of Confirmatory Tests That Were Positive

Positivity
60%
40%
20%
0%

Apr 2020

Jul 2020

Oct 2020

Jan 2021

Apr 2021

Jul 2021

Oct 2021

Where does the data come from?

The State of Michigan COVID-19 Dashboard displays the most recent provisional data reported to the Michigan Department of Health and Humans Services (MDHHS) about cases in Michigan by selected demographics and county of residence (City of Detroit and Wayne County are reported separately). Data are reported to MDHHS via the [Michigan Disease Surveillance System \(MDSS\)](#). Provisional Death data are provided by the MDHHS Division for [Vital Records & Health Statistics](#).

How does MDHHS classify confirmed and probable cases?

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19. Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

How does MDHHS classify confirmed and probable deaths?

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'. Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

Why do the number of probable cases fluctuate?

The number of probable cases can change daily based on the investigation efforts of the health department. When a probable case is first reported, local and/or state health department staff investigate to determine if the person meets the case definition of probable. As additional information is gathered, the case could be re-classified to confirmed, remain as probable, or be determined as not a case.

Why do data in the demographics tab not sum to the total number of cases for a county or region?

Data are not shown whenever the number of cases for a particular demographic category is fewer than six to protect the confidentiality of individuals. Rates are not calculated for other, multiple, and unknown race because an appropriate population denominator is not available for these categories at the county level.

Where can I get more information about COVID-19?

Visit <https://www.michigan.gov/coronavirus> to find information on resources and assistance, answers to frequently asked questions, and the latest updates on Michigan's response to COVID-19. For COVID-19 updates from CDC visit <https://www.cdc.gov/coronavirus/2019-ncov>.

PUBLIC USE DATASETS

Cases and Deaths by County

README

Includes total cases and deaths to date by case status (confirmed or probable) and county. County is based on the county of residence.

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'.

Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

CASES AND DEATHS BY COUNTY 2021-12-03

Updated	COUNTY	ConfirmedCases	ConfirmedDeaths	ProbableCases	ProbableDeaths
2021/12/03 14:33:30	Alcona	1028	45	318	6
2021/12/03 14:33:30	Alger	651	4	357	5
2021/12/03 14:33:30	Allegan	16621	195	1947	28
2021/12/03 14:33:30	Alpena	3111	83	1023	5
2021/12/03 14:33:30	Antrim	2192	37	718	6
2021/12/03 14:33:30	Arenac	1958	44	188	1
2021/12/03 14:33:30	Baraga	1203	44	205	2
2021/12/03 14:33:30	Barry	8373	98	1512	11
2021/12/03 14:33:30	Bay	16255	415	1382	20
2021/12/03 14:33:30	Benzie	1670	40	500	4
2021/12/03 14:33:30	Berrien	20043	327	2370	24
2021/12/03 14:33:30	Branch	7058	122	788	5
2021/12/03 14:33:30	Calhoun	19178	387	3389	20
2021/12/03 14:33:30	Cass	7085	98	1107	7
2021/12/03 14:33:30	Charlevoix	2149	36	949	8
2021/12/03 14:33:30	Cheboygan	2473	75	860	3
2021/12/03 14:33:30	Chippewa	1923	48	2729	10
2021/12/03 14:33:30	Clare	3986	117	692	4
2021/12/03 14:33:30	Clinton	8898	127	3857	8
2021/12/03 14:33:30	Crawford	1537	19	262	0
2021/12/03 14:33:30	Delta	5461	105	1242	20
2021/12/03 14:33:30	Dickinson	3458	71	1288	17
2021/12/03 14:33:30	Eaton	14095	270	2428	15
2021/12/03 14:33:30	Emmet	2979	54	1090	1
2021/12/03 14:33:30	Genesee	48720	1102	14608	96
2021/12/03 14:33:30	Gladwin	3166	81	620	4
2021/12/03 14:33:30	Gogebic	1744	26	425	29
2021/12/03 14:33:30	Grand Traverse	9153	130	2041	18
2021/12/03 14:33:30	Gratiot	5186	138	1969	6
2021/12/03 14:33:30	Hillsdale	6819	146	756	5
2021/12/03 14:33:30	Houghton	4504	51	838	10
2021/12/03 14:33:30	Huron	4430	97	1402	8
2021/12/03 14:33:30	Ingham	32633	499	4872	15
2021/12/03 14:33:30	Ionia	10777	116	307	3
2021/12/03 14:33:30	Iosco	3174	99	400	6
2021/12/03 14:33:30	Iron	1569	55	180	13
2021/12/03 14:33:30	Isabella	8893	135	1666	8
2021/12/03 14:33:30	Jackson	23566	372	2840	14
2021/12/03 14:33:30	Kalamazoo	31639	444	3976	52
2021/12/03 14:33:30	Kalkaska	2017	40	207	1
2021/12/03 14:33:30	Kent	103399	1018	8753	112
2021/12/03 14:33:30	Keweenaw	333	8	42	1
2021/12/03 14:33:30	Lake	1073	24	152	3
2021/12/03 14:33:30	Lapeer	11666	274	2380	9
2021/12/03 14:33:30	Leelanau	1664	32	559	3
2021/12/03 14:33:30	Lenawee	13986	214	2292	6

2021/12/03 14:33:30	Livingston	24972	285	4531	17
2021/12/03 14:33:30	Luce	419	4	474	1
2021/12/03 14:33:30	Mackinac	1020	15	534	1
2021/12/03 14:33:30	Macomb	131754	2744	12172	163
2021/12/03 14:33:30	Manistee	1863	42	359	5
2021/12/03 14:33:30	Marquette	6867	84	1554	5
2021/12/03 14:33:30	Mason	3967	57	262	1
2021/12/03 14:33:30	Mecosta	5494	67	368	4
2021/12/03 14:33:30	Menominee	2890	49	1032	8
2021/12/03 14:33:30	Midland	11317	151	1009	13
2021/12/03 14:33:30	Missaukee	1729	29	381	13
2021/12/03 14:33:30	Monroe	20098	304	4308	33
2021/12/03 14:33:30	Montcalm	9400	145	1251	3
2021/12/03 14:33:30	Montmorency	932	35	339	2
2021/12/03 14:33:30	Muskegon	25779	451	1105	13
2021/12/03 14:33:30	Newaygo	7519	104	561	3
2021/12/03 14:33:30	Oakland	150441	2672	22708	185
2021/12/03 14:33:30	Oceana	4360	69	217	6
2021/12/03 14:33:30	Ogemaw	2573	67	556	7
2021/12/03 14:33:30	Ontonagon	620	23	77	1
2021/12/03 14:33:30	Osceola	3136	50	483	0
2021/12/03 14:33:30	Oscoda	922	44	190	3
2021/12/03 14:33:30	Otsego	3078	61	916	8
2021/12/03 14:33:30	Ottawa	46502	499	4395	74
2021/12/03 14:33:30	Presque Isle	1257	45	377	3
2021/12/03 14:33:30	Roscommon	2679	80	689	8
2021/12/03 14:33:30	Saginaw	30173	695	2417	25
2021/12/03 14:33:30	Sanilac	5307	143	875	10
2021/12/03 14:33:30	Schoolcraft	753	6	321	1
2021/12/03 14:33:30	Shiawassee	9464	146	1971	8
2021/12/03 14:33:30	St Clair	22565	532	4524	30
2021/12/03 14:33:30	St Joseph	8846	122	1201	14
2021/12/03 14:33:30	Tuscola	7518	204	1588	18
2021/12/03 14:33:30	Van Buren	10570	171	763	17
2021/12/03 14:33:30	Washtenaw	35410	342	4320	9
2021/12/03 14:33:30	Wayne	146643	3043	11060	210
2021/12/03 14:33:30	Wexford	3825	69	809	7
2021/12/03 14:33:30	MDOC	26050	154	2093	3
2021/12/03 14:33:30	FCI	316	5	5	0
2021/12/03 14:33:30	Out-of-State	2646	28	212	3
2021/12/03 14:33:30	Unknown	17	1	36	0
2021/12/03 14:33:30	Detroit City	71379	2568	5230	154

PUBLIC USE DATASETS

Cases by Demographics Statewide

README

Includes the total number of confirmed and probable cases and confirmed and probable deaths to date by demographic characteristics

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'.

Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

Data is suppressed when the number of cases or deaths in a single category is between one and five to protect the confidentiality of individuals.

CASES BY DEMOGRAPHICS STATEWIDE 2021-12-03

CASE_STATUS	AgeCat	RaceCat	SEX	Cases	Deaths
Confirmed	0-9	American Indian/Alaska Native	Female	316	0
Confirmed	10-19	American Indian/Alaska Native	Female	608	0
Confirmed	20-29	American Indian/Alaska Native	Female	777	0
Confirmed	30-39	American Indian/Alaska Native	Female	680	Suppressed
Confirmed	40-49	American Indian/Alaska Native	Female	583	10
Confirmed	50-59	American Indian/Alaska Native	Female	520	17
Confirmed	60-69	American Indian/Alaska Native	Female	337	26
Confirmed	70-79	American Indian/Alaska Native	Female	170	37
Confirmed	80+	American Indian/Alaska Native	Female	92	40
Confirmed	Unknown	American Indian/Alaska Native	Female	Suppressed	0
Confirmed	0-9	Asian/Pacific Islander	Female	570	0
Confirmed	10-19	Asian/Pacific Islander	Female	1258	0
Confirmed	20-29	Asian/Pacific Islander	Female	2006	0
Confirmed	30-39	Asian/Pacific Islander	Female	1849	6
Confirmed	40-49	Asian/Pacific Islander	Female	1574	Suppressed
Confirmed	50-59	Asian/Pacific Islander	Female	1177	12
Confirmed	60-69	Asian/Pacific Islander	Female	603	16
Confirmed	70-79	Asian/Pacific Islander	Female	314	32
Confirmed	80+	Asian/Pacific Islander	Female	178	40
Confirmed	Unknown	Asian/Pacific Islander	Female	Suppressed	0
Confirmed	0-9	Black/African American	Female	4775	Suppressed
Confirmed	10-19	Black/African American	Female	9303	Suppressed
Confirmed	20-29	Black/African American	Female	15941	24
Confirmed	30-39	Black/African American	Female	14797	51
Confirmed	40-49	Black/African American	Female	11037	104
Confirmed	50-59	Black/African American	Female	9133	264
Confirmed	60-69	Black/African American	Female	6917	537
Confirmed	70-79	Black/African American	Female	3757	630
Confirmed	80+	Black/African American	Female	2366	766
Confirmed	Unknown	Black/African American	Female	36	0
Confirmed	0-9	Multiple Races	Female	1187	0
Confirmed	10-19	Multiple Races	Female	2951	Suppressed
Confirmed	20-29	Multiple Races	Female	3391	0
Confirmed	30-39	Multiple Races	Female	2509	Suppressed
Confirmed	40-49	Multiple Races	Female	2398	6
Confirmed	50-59	Multiple Races	Female	2412	10
Confirmed	60-69	Multiple Races	Female	1740	23
Confirmed	70-79	Multiple Races	Female	952	35
Confirmed	80+	Multiple Races	Female	588	73
Confirmed	Unknown	Multiple Races	Female	13	0
Confirmed	0-9	Other	Female	2729	Suppressed
Confirmed	10-19	Other	Female	5235	Suppressed
Confirmed	20-29	Other	Female	7030	Suppressed
Confirmed	30-39	Other	Female	5851	Suppressed
Confirmed	40-49	Other	Female	5256	16
Confirmed	50-59	Other	Female	4136	27
Confirmed	60-69	Other	Female	2636	62

Confirmed	70-79	Other	Female	1292	59
Confirmed	80+	Other	Female	781	104
Confirmed	Unknown	Other	Female	20	0
Confirmed	0-9	Unknown	Female	6291	0
Confirmed	10-19	Unknown	Female	16585	0
Confirmed	20-29	Unknown	Female	25257	Suppressed
Confirmed	30-39	Unknown	Female	22856	Suppressed
Confirmed	40-49	Unknown	Female	21442	8
Confirmed	50-59	Unknown	Female	21049	19
Confirmed	60-69	Unknown	Female	13107	35
Confirmed	70-79	Unknown	Female	6004	52
Confirmed	80+	Unknown	Female	3579	94
Confirmed	Unknown	Unknown	Female	183	0
Confirmed	0-9	White	Female	20563	Suppressed
Confirmed	10-19	White	Female	51791	Suppressed
Confirmed	20-29	White	Female	70648	27
Confirmed	30-39	White	Female	62885	69
Confirmed	40-49	White	Female	56412	171
Confirmed	50-59	White	Female	56906	465
Confirmed	60-69	White	Female	44652	1087
Confirmed	70-79	White	Female	26411	1842
Confirmed	80+	White	Female	19842	4169
Confirmed	Unknown	White	Female	161	0
Confirmed	0-9	American Indian/Alaska Native	Male	268	0
Confirmed	10-19	American Indian/Alaska Native	Male	601	0
Confirmed	20-29	American Indian/Alaska Native	Male	623	Suppressed
Confirmed	30-39	American Indian/Alaska Native	Male	550	Suppressed
Confirmed	40-49	American Indian/Alaska Native	Male	493	6
Confirmed	50-59	American Indian/Alaska Native	Male	399	18
Confirmed	60-69	American Indian/Alaska Native	Male	310	57
Confirmed	70-79	American Indian/Alaska Native	Male	157	38
Confirmed	80+	American Indian/Alaska Native	Male	57	26
Confirmed	Unknown	American Indian/Alaska Native	Male	0	0
Confirmed	0-9	Asian/Pacific Islander	Male	662	0
Confirmed	10-19	Asian/Pacific Islander	Male	1227	0
Confirmed	20-29	Asian/Pacific Islander	Male	2190	Suppressed
Confirmed	30-39	Asian/Pacific Islander	Male	1683	Suppressed
Confirmed	40-49	Asian/Pacific Islander	Male	1310	8
Confirmed	50-59	Asian/Pacific Islander	Male	1074	12
Confirmed	60-69	Asian/Pacific Islander	Male	622	35
Confirmed	70-79	Asian/Pacific Islander	Male	288	53
Confirmed	80+	Asian/Pacific Islander	Male	138	45
Confirmed	Unknown	Asian/Pacific Islander	Male	Suppressed	0
Confirmed	0-9	Black/African American	Male	4938	0
Confirmed	10-19	Black/African American	Male	8402	Suppressed
Confirmed	20-29	Black/African American	Male	13352	32
Confirmed	30-39	Black/African American	Male	12967	69
Confirmed	40-49	Black/African American	Male	10567	171
Confirmed	50-59	Black/African American	Male	9391	382
Confirmed	60-69	Black/African American	Male	6595	647

Confirmed	70-79	Black/African American	Male	3240	742
Confirmed	80+	Black/African American	Male	1330	510
Confirmed	Unknown	Black/African American	Male	12	0
Confirmed	0-9	Multiple Races	Male	1297	Suppressed
Confirmed	10-19	Multiple Races	Male	2816	Suppressed
Confirmed	20-29	Multiple Races	Male	2830	Suppressed
Confirmed	30-39	Multiple Races	Male	2036	Suppressed
Confirmed	40-49	Multiple Races	Male	1941	10
Confirmed	50-59	Multiple Races	Male	1896	13
Confirmed	60-69	Multiple Races	Male	1583	45
Confirmed	70-79	Multiple Races	Male	858	46
Confirmed	80+	Multiple Races	Male	376	64
Confirmed	Unknown	Multiple Races	Male	10	0
Confirmed	0-9	Other	Male	2863	Suppressed
Confirmed	10-19	Other	Male	5242	Suppressed
Confirmed	20-29	Other	Male	7111	Suppressed
Confirmed	30-39	Other	Male	6009	7
Confirmed	40-49	Other	Male	5578	36
Confirmed	50-59	Other	Male	4529	51
Confirmed	60-69	Other	Male	2746	105
Confirmed	70-79	Other	Male	1234	97
Confirmed	80+	Other	Male	520	86
Confirmed	Unknown	Other	Male	17	0
Confirmed	0-9	Unknown	Male	6604	Suppressed
Confirmed	10-19	Unknown	Male	15811	Suppressed
Confirmed	20-29	Unknown	Male	25657	Suppressed
Confirmed	30-39	Unknown	Male	22710	15
Confirmed	40-49	Unknown	Male	20359	20
Confirmed	50-59	Unknown	Male	20730	38
Confirmed	60-69	Unknown	Male	12671	50
Confirmed	70-79	Unknown	Male	4984	64
Confirmed	80+	Unknown	Male	2149	79
Confirmed	Unknown	Unknown	Male	218	0
Confirmed	0-9	White	Male	21726	Suppressed
Confirmed	10-19	White	Male	48680	Suppressed
Confirmed	20-29	White	Male	59389	41
Confirmed	30-39	White	Male	52945	105
Confirmed	40-49	White	Male	49619	272
Confirmed	50-59	White	Male	54049	812
Confirmed	60-69	White	Male	44187	1718
Confirmed	70-79	White	Male	25768	2802
Confirmed	80+	White	Male	14122	3801
Confirmed	Unknown	White	Male	128	0
Confirmed	0-9	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	10-19	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	30-39	American Indian/Alaska Native	Unknown	6	0
Confirmed	40-49	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	50-59	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	60-69	American Indian/Alaska Native	Unknown	Suppressed	0

Confirmed	70-79	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	80+	American Indian/Alaska Native	Unknown	0	0
Confirmed	Unknown	American Indian/Alaska Native	Unknown	0	0
Confirmed	0-9	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	10-19	Asian/Pacific Islander	Unknown	11	0
Confirmed	20-29	Asian/Pacific Islander	Unknown	13	0
Confirmed	30-39	Asian/Pacific Islander	Unknown	6	0
Confirmed	40-49	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	50-59	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	60-69	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	70-79	Asian/Pacific Islander	Unknown	0	0
Confirmed	80+	Asian/Pacific Islander	Unknown	0	0
Confirmed	Unknown	Asian/Pacific Islander	Unknown	0	0
Confirmed	0-9	Black/African American	Unknown	12	0
Confirmed	10-19	Black/African American	Unknown	28	0
Confirmed	20-29	Black/African American	Unknown	133	0
Confirmed	30-39	Black/African American	Unknown	119	0
Confirmed	40-49	Black/African American	Unknown	123	0
Confirmed	50-59	Black/African American	Unknown	99	0
Confirmed	60-69	Black/African American	Unknown	45	0
Confirmed	70-79	Black/African American	Unknown	12	Suppressed
Confirmed	80+	Black/African American	Unknown	Suppressed	0
Confirmed	Unknown	Black/African American	Unknown	Suppressed	0
Confirmed	0-9	Multiple Races	Unknown	20	0
Confirmed	10-19	Multiple Races	Unknown	26	0
Confirmed	20-29	Multiple Races	Unknown	29	0
Confirmed	30-39	Multiple Races	Unknown	22	0
Confirmed	40-49	Multiple Races	Unknown	22	0
Confirmed	50-59	Multiple Races	Unknown	11	0
Confirmed	60-69	Multiple Races	Unknown	15	0
Confirmed	70-79	Multiple Races	Unknown	6	0
Confirmed	80+	Multiple Races	Unknown	Suppressed	0
Confirmed	Unknown	Multiple Races	Unknown	Suppressed	0
Confirmed	0-9	Other	Unknown	66	0
Confirmed	10-19	Other	Unknown	99	0
Confirmed	20-29	Other	Unknown	145	0
Confirmed	30-39	Other	Unknown	171	0
Confirmed	40-49	Other	Unknown	165	0
Confirmed	50-59	Other	Unknown	86	0
Confirmed	60-69	Other	Unknown	64	0
Confirmed	70-79	Other	Unknown	19	0
Confirmed	80+	Other	Unknown	18	0
Confirmed	Unknown	Other	Unknown	Suppressed	0
Confirmed	0-9	Unknown	Unknown	334	0
Confirmed	10-19	Unknown	Unknown	723	0
Confirmed	20-29	Unknown	Unknown	846	0
Confirmed	30-39	Unknown	Unknown	678	0
Confirmed	40-49	Unknown	Unknown	639	0
Confirmed	50-59	Unknown	Unknown	554	Suppressed
Confirmed	60-69	Unknown	Unknown	326	0

Confirmed	70-79	Unknown	Unknown	149	0
Confirmed	80+	Unknown	Unknown	76	0
Confirmed	Unknown	Unknown	Unknown	81	0
Confirmed	0-9	White	Unknown	73	0
Confirmed	10-19	White	Unknown	244	0
Confirmed	20-29	White	Unknown	309	0
Confirmed	30-39	White	Unknown	284	0
Confirmed	40-49	White	Unknown	265	0
Confirmed	50-59	White	Unknown	219	0
Confirmed	60-69	White	Unknown	173	Suppressed
Confirmed	70-79	White	Unknown	71	Suppressed
Confirmed	80+	White	Unknown	29	0
Confirmed	Unknown	White	Unknown	Suppressed	0
Probable	0-9	American Indian/Alaska Native	Female	105	0
Probable	10-19	American Indian/Alaska Native	Female	208	0
Probable	20-29	American Indian/Alaska Native	Female	160	0
Probable	30-39	American Indian/Alaska Native	Female	158	0
Probable	40-49	American Indian/Alaska Native	Female	126	0
Probable	50-59	American Indian/Alaska Native	Female	88	0
Probable	60-69	American Indian/Alaska Native	Female	52	Suppressed
Probable	70-79	American Indian/Alaska Native	Female	25	Suppressed
Probable	80+	American Indian/Alaska Native	Female	11	6
Probable	Unknown	American Indian/Alaska Native	Female	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Female	71	0
Probable	10-19	Asian/Pacific Islander	Female	135	0
Probable	20-29	Asian/Pacific Islander	Female	203	0
Probable	30-39	Asian/Pacific Islander	Female	151	0
Probable	40-49	Asian/Pacific Islander	Female	145	0
Probable	50-59	Asian/Pacific Islander	Female	105	0
Probable	60-69	Asian/Pacific Islander	Female	56	Suppressed
Probable	70-79	Asian/Pacific Islander	Female	25	Suppressed
Probable	80+	Asian/Pacific Islander	Female	11	Suppressed
Probable	Unknown	Asian/Pacific Islander	Female	8	0
Probable	0-9	Black/African American	Female	465	0
Probable	10-19	Black/African American	Female	1000	0
Probable	20-29	Black/African American	Female	1474	Suppressed
Probable	30-39	Black/African American	Female	1221	Suppressed
Probable	40-49	Black/African American	Female	902	7
Probable	50-59	Black/African American	Female	655	15
Probable	60-69	Black/African American	Female	426	27
Probable	70-79	Black/African American	Female	166	21
Probable	80+	Black/African American	Female	101	39
Probable	Unknown	Black/African American	Female	32	Suppressed
Probable	0-9	Multiple Races	Female	250	0
Probable	10-19	Multiple Races	Female	451	0
Probable	20-29	Multiple Races	Female	303	0
Probable	30-39	Multiple Races	Female	228	0
Probable	40-49	Multiple Races	Female	209	0
Probable	50-59	Multiple Races	Female	184	Suppressed
Probable	60-69	Multiple Races	Female	137	Suppressed

Probable	70-79	Multiple Races	Female	50	Suppressed
Probable	80+	Multiple Races	Female	35	7
Probable	Unknown	Multiple Races	Female	71	0
Probable	0-9	Other	Female	156	0
Probable	10-19	Other	Female	375	0
Probable	20-29	Other	Female	447	0
Probable	30-39	Other	Female	369	0
Probable	40-49	Other	Female	295	0
Probable	50-59	Other	Female	221	Suppressed
Probable	60-69	Other	Female	102	Suppressed
Probable	70-79	Other	Female	50	0
Probable	80+	Other	Female	20	Suppressed
Probable	Unknown	Other	Female	19	0
Probable	0-9	Unknown	Female	1766	Suppressed
Probable	10-19	Unknown	Female	3957	0
Probable	20-29	Unknown	Female	4421	0
Probable	30-39	Unknown	Female	3758	Suppressed
Probable	40-49	Unknown	Female	3444	0
Probable	50-59	Unknown	Female	3247	Suppressed
Probable	60-69	Unknown	Female	2008	8
Probable	70-79	Unknown	Female	832	Suppressed
Probable	80+	Unknown	Female	491	25
Probable	Unknown	Unknown	Female	2054	0
Probable	0-9	White	Female	3962	0
Probable	10-19	White	Female	8930	0
Probable	20-29	White	Female	8187	Suppressed
Probable	30-39	White	Female	7757	Suppressed
Probable	40-49	White	Female	6941	15
Probable	50-59	White	Female	6351	50
Probable	60-69	White	Female	4115	60
Probable	70-79	White	Female	2144	113
Probable	80+	White	Female	2183	396
Probable	Unknown	White	Female	513	Suppressed
Probable	0-9	American Indian/Alaska Native	Male	136	0
Probable	10-19	American Indian/Alaska Native	Male	237	0
Probable	20-29	American Indian/Alaska Native	Male	154	0
Probable	30-39	American Indian/Alaska Native	Male	121	0
Probable	40-49	American Indian/Alaska Native	Male	102	Suppressed
Probable	50-59	American Indian/Alaska Native	Male	79	Suppressed
Probable	60-69	American Indian/Alaska Native	Male	39	Suppressed
Probable	70-79	American Indian/Alaska Native	Male	19	7
Probable	80+	American Indian/Alaska Native	Male	11	Suppressed
Probable	Unknown	American Indian/Alaska Native	Male	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Male	92	0
Probable	10-19	Asian/Pacific Islander	Male	158	0
Probable	20-29	Asian/Pacific Islander	Male	213	0
Probable	30-39	Asian/Pacific Islander	Male	164	Suppressed
Probable	40-49	Asian/Pacific Islander	Male	115	0
Probable	50-59	Asian/Pacific Islander	Male	83	Suppressed
Probable	60-69	Asian/Pacific Islander	Male	35	Suppressed

Probable	70-79	Asian/Pacific Islander	Male	10	Suppressed
Probable	80+	Asian/Pacific Islander	Male	11	Suppressed
Probable	Unknown	Asian/Pacific Islander	Male	Suppressed	0
Probable	0-9	Black/African American	Male	485	0
Probable	10-19	Black/African American	Male	971	Suppressed
Probable	20-29	Black/African American	Male	1207	Suppressed
Probable	30-39	Black/African American	Male	1108	Suppressed
Probable	40-49	Black/African American	Male	822	12
Probable	50-59	Black/African American	Male	639	25
Probable	60-69	Black/African American	Male	343	37
Probable	70-79	Black/African American	Male	128	37
Probable	80+	Black/African American	Male	48	24
Probable	Unknown	Black/African American	Male	30	0
Probable	0-9	Multiple Races	Male	215	0
Probable	10-19	Multiple Races	Male	456	0
Probable	20-29	Multiple Races	Male	218	Suppressed
Probable	30-39	Multiple Races	Male	191	0
Probable	40-49	Multiple Races	Male	172	Suppressed
Probable	50-59	Multiple Races	Male	128	0
Probable	60-69	Multiple Races	Male	101	Suppressed
Probable	70-79	Multiple Races	Male	48	Suppressed
Probable	80+	Multiple Races	Male	21	7
Probable	Unknown	Multiple Races	Male	63	0
Probable	0-9	Other	Male	181	0
Probable	10-19	Other	Male	400	0
Probable	20-29	Other	Male	434	0
Probable	30-39	Other	Male	354	0
Probable	40-49	Other	Male	298	Suppressed
Probable	50-59	Other	Male	202	Suppressed
Probable	60-69	Other	Male	121	6
Probable	70-79	Other	Male	49	Suppressed
Probable	80+	Other	Male	10	Suppressed
Probable	Unknown	Other	Male	21	0
Probable	0-9	Unknown	Male	1816	0
Probable	10-19	Unknown	Male	4013	0
Probable	20-29	Unknown	Male	4191	0
Probable	30-39	Unknown	Male	3592	Suppressed
Probable	40-49	Unknown	Male	3157	Suppressed
Probable	50-59	Unknown	Male	3083	6
Probable	60-69	Unknown	Male	1763	9
Probable	70-79	Unknown	Male	692	10
Probable	80+	Unknown	Male	298	19
Probable	Unknown	Unknown	Male	1822	0
Probable	0-9	White	Male	4216	Suppressed
Probable	10-19	White	Male	8765	Suppressed
Probable	20-29	White	Male	6908	Suppressed
Probable	30-39	White	Male	6141	12
Probable	40-49	White	Male	5671	29
Probable	50-59	White	Male	5619	50
Probable	60-69	White	Male	3695	122

Probable	70-79	White	Male	1858	173
Probable	80+	White	Male	1195	261
Probable	Unknown	White	Male	436	0
Probable	0-9	American Indian/Alaska Native	Unknown	0	0
Probable	10-19	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	40-49	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	50-59	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	60-69	American Indian/Alaska Native	Unknown	0	0
Probable	70-79	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	80+	American Indian/Alaska Native	Unknown	0	0
Probable	Unknown	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	10-19	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	20-29	Asian/Pacific Islander	Unknown	7	0
Probable	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	40-49	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	50-59	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	60-69	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	70-79	Asian/Pacific Islander	Unknown	0	0
Probable	80+	Asian/Pacific Islander	Unknown	0	0
Probable	Unknown	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	0-9	Black/African American	Unknown	16	0
Probable	10-19	Black/African American	Unknown	31	0
Probable	20-29	Black/African American	Unknown	13	0
Probable	30-39	Black/African American	Unknown	6	0
Probable	40-49	Black/African American	Unknown	9	0
Probable	50-59	Black/African American	Unknown	6	0
Probable	60-69	Black/African American	Unknown	Suppressed	0
Probable	70-79	Black/African American	Unknown	Suppressed	0
Probable	80+	Black/African American	Unknown	0	0
Probable	Unknown	Black/African American	Unknown	7	0
Probable	0-9	Multiple Races	Unknown	18	0
Probable	10-19	Multiple Races	Unknown	45	0
Probable	20-29	Multiple Races	Unknown	20	0
Probable	30-39	Multiple Races	Unknown	23	0
Probable	40-49	Multiple Races	Unknown	17	0
Probable	50-59	Multiple Races	Unknown	12	0
Probable	60-69	Multiple Races	Unknown	6	0
Probable	70-79	Multiple Races	Unknown	Suppressed	0
Probable	80+	Multiple Races	Unknown	Suppressed	0
Probable	Unknown	Multiple Races	Unknown	21	0
Probable	0-9	Other	Unknown	21	0
Probable	10-19	Other	Unknown	55	0
Probable	20-29	Other	Unknown	56	0
Probable	30-39	Other	Unknown	61	0
Probable	40-49	Other	Unknown	47	0
Probable	50-59	Other	Unknown	34	0
Probable	60-69	Other	Unknown	25	0

Probable	70-79	Other	Unknown	12	0
Probable	80+	Other	Unknown	Suppressed	0
Probable	Unknown	Other	Unknown	15	0
Probable	0-9	Unknown	Unknown	774	0
Probable	10-19	Unknown	Unknown	1523	0
Probable	20-29	Unknown	Unknown	1184	0
Probable	30-39	Unknown	Unknown	1029	Suppressed
Probable	40-49	Unknown	Unknown	1023	0
Probable	50-59	Unknown	Unknown	842	0
Probable	60-69	Unknown	Unknown	497	Suppressed
Probable	70-79	Unknown	Unknown	183	0
Probable	80+	Unknown	Unknown	79	Suppressed
Probable	Unknown	Unknown	Unknown	2529	0
Probable	0-9	White	Unknown	118	0
Probable	10-19	White	Unknown	250	0
Probable	20-29	White	Unknown	118	Suppressed
Probable	30-39	White	Unknown	111	0
Probable	40-49	White	Unknown	117	0
Probable	50-59	White	Unknown	93	0
Probable	60-69	White	Unknown	47	0
Probable	70-79	White	Unknown	36	0
Probable	80+	White	Unknown	14	Suppressed
Probable	Unknown	White	Unknown	67	0

PUBLIC USE DATASETS

COVID-19 Tests by County

README

Data includes tests by type (diagnostic, serology or total combined) by county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

Correctional includes state and federal prisons and county and city detection facilities.

Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

COVID-19 TESTS BY COUNTY 2021-12-03

Updated	COUNTY	TestType	Count	RatePerMillion
2021/12/03 14:33:52	Alcona	Diagnostic	11600	1114849
2021/12/03 14:33:52	Alcona	Serology	246	23642
2021/12/03 14:33:52	Alcona	Total	11846	1138491
2021/12/03 14:33:52	Alger	Diagnostic	10171	1116711
2021/12/03 14:33:52	Alger	Serology	504	55336
2021/12/03 14:33:52	Alger	Total	10675	1172047
2021/12/03 14:33:52	Allegan	Diagnostic	165952	1405408
2021/12/03 14:33:52	Allegan	Serology	3818	32334
2021/12/03 14:33:52	Allegan	Total	169770	1437742
2021/12/03 14:33:52	Alpena	Serology	924	32529
2021/12/03 14:33:52	Alpena	Diagnostic	35560	1251892
2021/12/03 14:33:52	Alpena	Total	36484	1284422
2021/12/03 14:33:52	Antrim	Diagnostic	30529	1308909
2021/12/03 14:33:52	Antrim	Serology	976	41845
2021/12/03 14:33:52	Antrim	Total	31505	1350755
2021/12/03 14:33:52	Arenac	Diagnostic	25839	1736142
2021/12/03 14:33:52	Arenac	Serology	594	39911
2021/12/03 14:33:52	Arenac	Total	26433	1776053
2021/12/03 14:33:52	Baraga	Diagnostic	11257	1371300
2021/12/03 14:33:52	Baraga	Serology	71	8649
2021/12/03 14:33:52	Baraga	Total	11328	1379949
2021/12/03 14:33:52	Barry	Serology	2591	42096
2021/12/03 14:33:52	Barry	Diagnostic	81714	1327604
2021/12/03 14:33:52	Barry	Total	84305	1369699
2021/12/03 14:33:52	Bay	Serology	8010	77672
2021/12/03 14:33:52	Bay	Diagnostic	176842	1714815
2021/12/03 14:33:52	Bay	Total	184852	1792487
2021/12/03 14:33:52	Benzie	Diagnostic	18165	1022459
2021/12/03 14:33:52	Benzie	Serology	849	47788
2021/12/03 14:33:52	Benzie	Total	19014	1070247
2021/12/03 14:33:52	Berrien	Diagnostic	308716	2012477
2021/12/03 14:33:52	Berrien	Serology	7805	50880
2021/12/03 14:33:52	Berrien	Total	316521	2063357
2021/12/03 14:33:52	Branch	Diagnostic	63226	1452903
2021/12/03 14:33:52	Branch	Serology	836	19211
2021/12/03 14:33:52	Branch	Total	64062	1472114
2021/12/03 14:33:52	Calhoun	Diagnostic	271936	2026968
2021/12/03 14:33:52	Calhoun	Serology	2235	16659
2021/12/03 14:33:52	Calhoun	Total	274171	2043627
2021/12/03 14:33:52	Cass	Serology	1015	19600
2021/12/03 14:33:52	Cass	Diagnostic	54790	1057988
2021/12/03 14:33:52	Cass	Total	55805	1077587
2021/12/03 14:33:52	Charlevoix	Diagnostic	31541	1206480
2021/12/03 14:33:52	Charlevoix	Serology	1292	49420
2021/12/03 14:33:52	Charlevoix	Total	32833	1255900
2021/12/03 14:33:52	Cheboygan	Diagnostic	24936	986549
2021/12/03 14:33:52	Cheboygan	Serology	767	30345

2021/12/03 14:33:52	Cheboygan	Total	25703	1016893
2021/12/03 14:33:52	Chippewa	Diagnostic	41243	1104260
2021/12/03 14:33:52	Chippewa	Serology	504	13494
2021/12/03 14:33:52	Chippewa	Total	41747	1117754
2021/12/03 14:33:52	Clare	Diagnostic	39181	1265945
2021/12/03 14:33:52	Clare	Serology	1394	45040
2021/12/03 14:33:52	Clare	Total	40575	1310985
2021/12/03 14:33:52	Clinton	Serology	5186	65155
2021/12/03 14:33:52	Clinton	Diagnostic	80030	1005465
2021/12/03 14:33:52	Clinton	Total	85216	1070620
2021/12/03 14:33:52	Correctional	Serology	31515	
2021/12/03 14:33:52	Correctional	Diagnostic	1046501	
2021/12/03 14:33:52	Correctional	Total	1078016	
2021/12/03 14:33:52	Crawford	Diagnostic	15808	1126809
2021/12/03 14:33:52	Crawford	Serology	439	31292
2021/12/03 14:33:52	Crawford	Total	16247	1158101
2021/12/03 14:33:52	Delta	Diagnostic	58453	1633495
2021/12/03 14:33:52	Delta	Serology	1145	31998
2021/12/03 14:33:52	Delta	Total	59598	1665493
2021/12/03 14:33:52	Detroit City	Diagnostic	1310672	2017027
2021/12/03 14:33:52	Detroit City	Serology	33486	51532
2021/12/03 14:33:52	Detroit City	Total	1344158	2068559
2021/12/03 14:33:52	Dickinson	Diagnostic	28560	1131582
2021/12/03 14:33:52	Dickinson	Serology	224	8875
2021/12/03 14:33:52	Dickinson	Total	28784	1140457
2021/12/03 14:33:52	Eaton	Serology	7638	69268
2021/12/03 14:33:52	Eaton	Diagnostic	179825	1630800
2021/12/03 14:33:52	Eaton	Total	187463	1700067
2021/12/03 14:33:52	Emmet	Diagnostic	43696	1307676
2021/12/03 14:33:52	Emmet	Serology	1870	55963
2021/12/03 14:33:52	Emmet	Total	45566	1363639
2021/12/03 14:33:52	Genesee	Serology	25334	62428
2021/12/03 14:33:52	Genesee	Diagnostic	563768	1389231
2021/12/03 14:33:52	Genesee	Total	589102	1451659
2021/12/03 14:33:52	Gladwin	Diagnostic	32640	1282565
2021/12/03 14:33:52	Gladwin	Serology	1356	53283
2021/12/03 14:33:52	Gladwin	Total	33996	1335848
2021/12/03 14:33:52	Gogebic	Diagnostic	25652	1835564
2021/12/03 14:33:52	Gogebic	Serology	265	18962
2021/12/03 14:33:52	Gogebic	Total	25917	1854526
2021/12/03 14:33:52	Grand Traverse	Diagnostic	125550	1348724
2021/12/03 14:33:52	Grand Traverse	Serology	7563	81246
2021/12/03 14:33:52	Grand Traverse	Total	133113	1429969
2021/12/03 14:33:52	Gratiot	Diagnostic	78317	1923731
2021/12/03 14:33:52	Gratiot	Serology	1437	35298
2021/12/03 14:33:52	Gratiot	Total	79754	1959028
2021/12/03 14:33:52	Hillsdale	Diagnostic	64594	1416380
2021/12/03 14:33:52	Hillsdale	Serology	1489	32650
2021/12/03 14:33:52	Hillsdale	Total	66083	1449030
2021/12/03 14:33:52	Houghton	Diagnostic	65853	1845449

2021/12/03 14:33:52	Houghton	Serology	311	8715
2021/12/03 14:33:52	Houghton	Total	66164	1854164
2021/12/03 14:33:52	Huron	Diagnostic	39611	1278558
2021/12/03 14:33:52	Huron	Serology	1252	40412
2021/12/03 14:33:52	Huron	Total	40863	1318970
2021/12/03 14:33:52	Ingham	Serology	22867	78203
2021/12/03 14:33:52	Ingham	Diagnostic	480153	1642076
2021/12/03 14:33:52	Ingham	Total	503020	1720279
2021/12/03 14:33:52	Ionia	Serology	2999	46355
2021/12/03 14:33:52	Ionia	Diagnostic	108291	1673818
2021/12/03 14:33:52	Ionia	Total	111290	1720172
2021/12/03 14:33:52	Iosco	Diagnostic	39502	1572094
2021/12/03 14:33:52	Iosco	Serology	789	31400
2021/12/03 14:33:52	Iosco	Total	40291	1603494
2021/12/03 14:33:52	Iron	Diagnostic	30183	2727544
2021/12/03 14:33:52	Iron	Serology	143	12922
2021/12/03 14:33:52	Iron	Total	30326	2740466
2021/12/03 14:33:52	Isabella	Diagnostic	94656	1354706
2021/12/03 14:33:52	Isabella	Serology	1874	26820
2021/12/03 14:33:52	Isabella	Total	96530	1381526
2021/12/03 14:33:52	Jackson	Serology	5150	32490
2021/12/03 14:33:52	Jackson	Diagnostic	307835	1942054
2021/12/03 14:33:52	Jackson	Total	312985	1974544
2021/12/03 14:33:52	Kalamazoo	Diagnostic	446563	1684724
2021/12/03 14:33:52	Kalamazoo	Serology	7884	29744
2021/12/03 14:33:52	Kalamazoo	Total	454447	1714467
2021/12/03 14:33:52	Kalkaska	Diagnostic	25155	1394556
2021/12/03 14:33:52	Kalkaska	Serology	938	52001
2021/12/03 14:33:52	Kalkaska	Total	26093	1446557
2021/12/03 14:33:52	Kent	Serology	54464	82904
2021/12/03 14:33:52	Kent	Diagnostic	1292536	1967465
2021/12/03 14:33:52	Kent	Total	1347000	2050369
2021/12/03 14:33:52	Keweenaw	Diagnostic	3323	1570416
2021/12/03 14:33:52	Keweenaw	Serology	40	18904
2021/12/03 14:33:52	Keweenaw	Total	3363	1589319
2021/12/03 14:33:52	Lake	Diagnostic	15199	1282291
2021/12/03 14:33:52	Lake	Serology	283	23876
2021/12/03 14:33:52	Lake	Total	15482	1306167
2021/12/03 14:33:52	Lapeer	Diagnostic	98954	1129522
2021/12/03 14:33:52	Lapeer	Serology	5011	57199
2021/12/03 14:33:52	Lapeer	Total	103965	1186720
2021/12/03 14:33:52	Leelanau	Diagnostic	18054	829649
2021/12/03 14:33:52	Leelanau	Serology	1265	58132
2021/12/03 14:33:52	Leelanau	Total	19319	887781
2021/12/03 14:33:52	Lenawee	Diagnostic	182983	1858620
2021/12/03 14:33:52	Lenawee	Serology	3103	31518
2021/12/03 14:33:52	Lenawee	Total	186086	1890138
2021/12/03 14:33:52	Livingston	Serology	10603	55225
2021/12/03 14:33:52	Livingston	Diagnostic	301671	1571244
2021/12/03 14:33:52	Livingston	Total	312274	1626469

2021/12/03 14:33:52	Luce	Diagnostic	8281	1329427
2021/12/03 14:33:52	Luce	Serology	40	6422
2021/12/03 14:33:52	Luce	Total	8321	1335848
2021/12/03 14:33:52	Mackinac	Diagnostic	13595	1258913
2021/12/03 14:33:52	Mackinac	Serology	210	19446
2021/12/03 14:33:52	Mackinac	Total	13805	1278359
2021/12/03 14:33:52	Macomb	Serology	82046	93877
2021/12/03 14:33:52	Macomb	Diagnostic	1368029	1565301
2021/12/03 14:33:52	Macomb	Total	1450075	1659178
2021/12/03 14:33:52	Manistee	Diagnostic	27879	1135231
2021/12/03 14:33:52	Manistee	Serology	1111	45240
2021/12/03 14:33:52	Manistee	Total	28990	1180471
2021/12/03 14:33:52	Marquette	Diagnostic	163397	2449767
2021/12/03 14:33:52	Marquette	Serology	1678	25158
2021/12/03 14:33:52	Marquette	Total	165075	2474925
2021/12/03 14:33:52	Mason	Serology	1310	44949
2021/12/03 14:33:52	Mason	Diagnostic	49892	1711913
2021/12/03 14:33:52	Mason	Total	51202	1756862
2021/12/03 14:33:52	Mecosta	Diagnostic	56808	1307344
2021/12/03 14:33:52	Mecosta	Serology	1314	30240
2021/12/03 14:33:52	Mecosta	Total	58122	1337583
2021/12/03 14:33:52	Menominee	Diagnostic	35917	1576690
2021/12/03 14:33:52	Menominee	Serology	236	10360
2021/12/03 14:33:52	Menominee	Total	36153	1587050
2021/12/03 14:33:52	Midland	Diagnostic	105326	1266607
2021/12/03 14:33:52	Midland	Serology	8264	99379
2021/12/03 14:33:52	Midland	Total	113590	1365987
2021/12/03 14:33:52	Missaukee	Diagnostic	15490	1024606
2021/12/03 14:33:52	Missaukee	Serology	784	51859
2021/12/03 14:33:52	Missaukee	Total	16274	1076465
2021/12/03 14:33:52	Monroe	Diagnostic	221555	1472126
2021/12/03 14:33:52	Monroe	Serology	7763	51581
2021/12/03 14:33:52	Monroe	Total	229318	1523708
2021/12/03 14:33:52	Montcalm	Diagnostic	110273	1726036
2021/12/03 14:33:52	Montcalm	Serology	3110	48679
2021/12/03 14:33:52	Montcalm	Total	113383	1774715
2021/12/03 14:33:52	Montmorency	Serology	504	54031
2021/12/03 14:33:52	Montmorency	Diagnostic	12827	1375107
2021/12/03 14:33:52	Montmorency	Total	13331	1429138
2021/12/03 14:33:52	Muskegon	Diagnostic	305551	1760431
2021/12/03 14:33:52	Muskegon	Serology	4847	27926
2021/12/03 14:33:52	Muskegon	Total	310398	1788357
2021/12/03 14:33:52	Newaygo	Serology	2228	45488
2021/12/03 14:33:52	Newaygo	Diagnostic	66073	1348979
2021/12/03 14:33:52	Newaygo	Total	68301	1394467
2021/12/03 14:33:52	Oakland	Serology	144943	115255
2021/12/03 14:33:52	Oakland	Diagnostic	2125253	1689949
2021/12/03 14:33:52	Oakland	Total	2270196	1805204
2021/12/03 14:33:52	Oceana	Serology	1178	44508
2021/12/03 14:33:52	Oceana	Diagnostic	49643	1875656

2021/12/03 14:33:52	Oceana	Total	50821	1920165
2021/12/03 14:33:52	Ogemaw	Diagnostic	28468	1355813
2021/12/03 14:33:52	Ogemaw	Serology	704	33529
2021/12/03 14:33:52	Ogemaw	Total	29172	1389341
2021/12/03 14:33:52	Ontonagon	Diagnostic	10098	1765385
2021/12/03 14:33:52	Ontonagon	Serology	73	12762
2021/12/03 14:33:52	Ontonagon	Total	10171	1778147
2021/12/03 14:33:52	Osceola	Serology	1476	62916
2021/12/03 14:33:52	Osceola	Diagnostic	36272	1546121
2021/12/03 14:33:52	Osceola	Total	37748	1609037
2021/12/03 14:33:52	Oscoda	Diagnostic	8114	984589
2021/12/03 14:33:52	Oscoda	Serology	418	50722
2021/12/03 14:33:52	Oscoda	Total	8532	1035311
2021/12/03 14:33:52	Otsego	Diagnostic	35143	1424639
2021/12/03 14:33:52	Otsego	Serology	1343	54443
2021/12/03 14:33:52	Otsego	Total	36486	1479082
2021/12/03 14:33:52	Ottawa	Diagnostic	536324	1837796
2021/12/03 14:33:52	Ottawa	Serology	18453	63232
2021/12/03 14:33:52	Ottawa	Total	554777	1901028
2021/12/03 14:33:52	Presque Isle	Diagnostic	15212	1208069
2021/12/03 14:33:52	Presque Isle	Serology	648	51461
2021/12/03 14:33:52	Presque Isle	Total	15860	1259530
2021/12/03 14:33:52	Roscommon	Diagnostic	30835	1283775
2021/12/03 14:33:52	Roscommon	Serology	909	37845
2021/12/03 14:33:52	Roscommon	Total	31744	1321620
2021/12/03 14:33:52	Saginaw	Serology	11079	58146
2021/12/03 14:33:52	Saginaw	Diagnostic	341479	1792174
2021/12/03 14:33:52	Saginaw	Total	352558	1850319
2021/12/03 14:33:52	Sanilac	Diagnostic	64876	1575808
2021/12/03 14:33:52	Sanilac	Serology	1958	47559
2021/12/03 14:33:52	Sanilac	Total	66834	1623367
2021/12/03 14:33:52	Schoolcraft	Diagnostic	7062	872498
2021/12/03 14:33:52	Schoolcraft	Serology	74	9143
2021/12/03 14:33:52	Schoolcraft	Total	7136	881641
2021/12/03 14:33:52	Shiawassee	Diagnostic	104155	1528948
2021/12/03 14:33:52	Shiawassee	Serology	3300	48443
2021/12/03 14:33:52	Shiawassee	Total	107455	1577391
2021/12/03 14:33:52	St Clair	Serology	11042	69391
2021/12/03 14:33:52	St Clair	Diagnostic	214946	1350774
2021/12/03 14:33:52	St Clair	Total	225988	1420165
2021/12/03 14:33:52	St Joseph	Diagnostic	79380	1302080
2021/12/03 14:33:52	St Joseph	Serology	2034	33364
2021/12/03 14:33:52	St Joseph	Total	81414	1335444
2021/12/03 14:33:52	Tuscola	Diagnostic	85055	1628003
2021/12/03 14:33:52	Tuscola	Serology	2815	53881
2021/12/03 14:33:52	Tuscola	Total	87870	1681883
2021/12/03 14:33:52	Unknown	Diagnostic	687330	
2021/12/03 14:33:52	Unknown	Serology	33251	
2021/12/03 14:33:52	Unknown		19684255	
2021/12/03 14:33:52	Unknown	Total	20404836	

2021/12/03 14:33:52	Van Buren	Diagnostic	132203	1746938
2021/12/03 14:33:52	Van Buren	Serology	2006	26507
2021/12/03 14:33:52	Van Buren	Total	134209	1773445
2021/12/03 14:33:52	Washtenaw	Serology	20792	56561
2021/12/03 14:33:52	Washtenaw	Diagnostic	1056046	2872805
2021/12/03 14:33:52	Washtenaw	Total	1076838	2929366
2021/12/03 14:33:52	Wayne	Diagnostic	2078170	1882721
2021/12/03 14:33:52	Wayne	Serology	96502	87426
2021/12/03 14:33:52	Wayne	Total	2174672	1970147
2021/12/03 14:33:52	Wexford	Diagnostic	45199	1343968
2021/12/03 14:33:52	Wexford	Serology	1516	45077
2021/12/03 14:33:52	Wexford	Total	46715	1389046

PUBLIC USE DATASETS

Diagnostic Tests by Result and County

README

Data include diagnostic tests for COVID-19 by date and county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Correctional includes state and federal prisons and county and city detention facilities.

Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

The total number of positive tests may exceed the number of confirmed cases due to 1) a single individual may have more than one test performed; 2) MDHHS may receive data on positive tests in advance of a local health department classifying an individual as a confirmed or probable case, and 3) although efforts have been made to de-duplicate testing data, some duplication may occur.

DIAGNOSTIC TESTS BY RESULT AND COUNTY 2021-12-03

MessageDate	COUNTY	Negative	Positive	Total
12/2/2021	Alcona	34	9	43
12/2/2021	Alger	11	4	15
12/2/2021	Allegan	394	126	520
12/2/2021	Alpena	111	38	149
12/2/2021	Antrim	50	15	65
12/2/2021	Arenac	65	16	81
12/2/2021	Baraga	44	2	46
12/2/2021	Barry	124	66	190
12/2/2021	Bay	430	113	543
12/2/2021	Benzie	37	7	44
12/2/2021	Berrien	573	220	793
12/2/2021	Branch	146	60	206
12/2/2021	Calhoun	466	160	626
12/2/2021	Cass	121	50	171
12/2/2021	Charlevoix	76	17	93
12/2/2021	Cheboygan	54	16	70
12/2/2021	Chippewa	88	16	104
12/2/2021	Clare	97	45	142
12/2/2021	Clinton	199	45	244
12/2/2021	Correctional	173	32	205
12/2/2021	Crawford	38	6	44
12/2/2021	Delta	92	20	112
12/2/2021	Detroit City	7513	567	8080
12/2/2021	Dickinson	62	11	73
12/2/2021	Eaton	438	107	545
12/2/2021	Emmet	117	18	135
12/2/2021	Genesee	1666	665	2331
12/2/2021	Gladwin	71	20	91
12/2/2021	Gogebic	56	17	73
12/2/2021	Grand Traverse	235	55	290
12/2/2021	Gratiot	131	25	156
12/2/2021	Hillsdale	169	93	262
12/2/2021	Houghton	123	57	180
12/2/2021	Huron	84	39	123
12/2/2021	Ingham	1153	285	1438
12/2/2021	Ionia	312	99	411
12/2/2021	Iosco	94	12	106
12/2/2021	Iron	28	6	34
12/2/2021	Isabella	279	51	330
12/2/2021	Jackson	649	190	839
12/2/2021	Kalamazoo	1568	289	1857
12/2/2021	Kalkaska	65	29	94
12/2/2021	Kent	3047	1044	4091
12/2/2021	Keweenaw	6	3	9
12/2/2021	Lake	31	9	40
12/2/2021	Lapeer	330	163	493
12/2/2021	Leelanau	38	16	54

12/2/2021	Lenawee	398	138	536
12/2/2021	Livingston	807	226	1033
12/2/2021	Luce	3	6	9
12/2/2021	Mackinac	33	10	43
12/2/2021	Macomb	4390	1265	5655
12/2/2021	Manistee	48	14	62
12/2/2021	Marquette	308	55	363
12/2/2021	Mason	147	43	190
12/2/2021	Mecosta	144	60	204
12/2/2021	Menominee	43	10	53
12/2/2021	Midland	319	97	416
12/2/2021	Missaukee	37	11	48
12/2/2021	Monroe	555	128	683
12/2/2021	Montcalm	241	82	323
12/2/2021	Montmorency	21	12	33
12/2/2021	Muskegon	801	313	1114
12/2/2021	Newaygo	162	76	238
12/2/2021	Oakland	7017	1361	8378
12/2/2021	Oceana	110	47	157
12/2/2021	Ogemaw	64	21	85
12/2/2021	Ontonagon	19	2	21
12/2/2021	Osceola	86	34	120
12/2/2021	Oscoda	8	4	12
12/2/2021	Otsego	100	31	131
12/2/2021	Ottawa	1339	564	1903
12/2/2021	Presque Isle	34	11	45
12/2/2021	Roscommon	94	23	117
12/2/2021	Saginaw	850	222	1072
12/2/2021	Sanilac	114	60	174
12/2/2021	Schoolcraft	3	1	4
12/2/2021	Shiawassee	325	112	437
12/2/2021	St Clair	608	191	799
12/2/2021	St Joseph	186	71	257
12/2/2021	Tuscola	196	91	287
12/2/2021	Unknown	1073	353	1426
12/2/2021	Van Buren	355	131	486
12/2/2021	Washtenaw	3238	341	3579
12/2/2021	Wayne	6244	1309	7553
12/2/2021	Wexford	128	42	170
12/1/2021	Alcona	28	10	38
12/1/2021	Alger	5	5	10
12/1/2021	Allegan	406	123	529
12/1/2021	Alpena	108	64	172
12/1/2021	Antrim	59	14	73
12/1/2021	Arenac	47	17	64
12/1/2021	Baraga	2	1	3
12/1/2021	Barry	133	49	182
12/1/2021	Bay	419	117	536
12/1/2021	Benzie	27	6	33
12/1/2021	Berrien	452	206	658

12/1/2021	Branch	124	55	179
12/1/2021	Calhoun	470	176	646
12/1/2021	Cass	71	37	108
12/1/2021	Charlevoix	81	14	95
12/1/2021	Cheboygan	62	17	79
12/1/2021	Chippewa	96	5	101
12/1/2021	Clare	106	28	134
12/1/2021	Clinton	164	47	211
12/1/2021	Correctional	168	23	191
12/1/2021	Crawford	29	22	51
12/1/2021	Delta	169	35	204
12/1/2021	Detroit City	3034	461	3495
12/1/2021	Dickinson	65	5	70
12/1/2021	Eaton	363	116	479
12/1/2021	Emmet	136	16	152
12/1/2021	Genesee	1526	433	1959
12/1/2021	Gladwin	45	13	58
12/1/2021	Gogebic	44	9	53
12/1/2021	Grand Traverse	237	55	292
12/1/2021	Gratiot	203	29	232
12/1/2021	Hillsdale	85	57	142
12/1/2021	Houghton	115	34	149
12/1/2021	Huron	102	47	149
12/1/2021	Ingham	1072	241	1313
12/1/2021	Ionia	191	77	268
12/1/2021	Iosco	47	35	82
12/1/2021	Iron	55	11	66
12/1/2021	Isabella	235	35	270
12/1/2021	Jackson	640	173	813
12/1/2021	Kalamazoo	994	250	1244
12/1/2021	Kalkaska	33	13	46
12/1/2021	Kent	2671	852	3523
12/1/2021	Keweenaw	5	3	8
12/1/2021	Lake	20	4	24
12/1/2021	Lapeer	220	94	314
12/1/2021	Leelanau	53	10	63
12/1/2021	Lenawee	374	96	470
12/1/2021	Livingston	777	232	1009
12/1/2021	Luce	13	6	19
12/1/2021	Mackinac	17	7	24
12/1/2021	Macomb	3525	1010	4535
12/1/2021	Manistee	62	10	72
12/1/2021	Marquette	256	57	313
12/1/2021	Mason	169	36	205
12/1/2021	Mecosta	108	46	154
12/1/2021	Menominee	66	16	82
12/1/2021	Midland	257	52	309
12/1/2021	Missaukee	38	6	44
12/1/2021	Monroe	457	127	584
12/1/2021	Montcalm	193	57	250

12/1/2021	Montmorency	29	13	42
12/1/2021	Muskegon	1004	361	1365
12/1/2021	Newaygo	157	78	235
12/1/2021	Oakland	6152	1211	7363
12/1/2021	Oceana	129	60	189
12/1/2021	Ogemaw	48	14	62
12/1/2021	Ontonagon	10	0	10
12/1/2021	Osceola	54	30	84
12/1/2021	Oscoda	14	4	18
12/1/2021	Otsego	71	30	101
12/1/2021	Ottawa	1257	447	1704
12/1/2021	Presque Isle	41	8	49
12/1/2021	Roscommon	68	27	95
12/1/2021	Saginaw	676	250	926
12/1/2021	Sanilac	120	48	168
12/1/2021	Schoolcraft	5	1	6
12/1/2021	Shiawassee	265	97	362
12/1/2021	St Clair	603	225	828
12/1/2021	St Joseph	140	62	202
12/1/2021	Tuscola	151	70	221
12/1/2021	Unknown	1012	178	1190
12/1/2021	Van Buren	255	89	344
12/1/2021	Washtenaw	1821	274	2095
12/1/2021	Wayne	4904	1097	6001
12/1/2021	Wexford	101	26	127